

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 5653

FILE: \_\_\_\_\_

FROM: Duke Power Company Charlotte, N. C. 28201 A. C. Thies			DATE OF DOC 7-18-73	DATE REC'D 7-23-73	LTR X	MEMO	RPT	OTHER
TO: Mr. DeYoung			ORIG 1 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS XX	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-270		
DESCRIPTION: Ltr trans the following:				ENCLOSURES: Report on Fuel Rod Cladding Study in Oconee II(FSAR Suppl)				
PLANT NAME: Oconee Unit 2				<div style="text-align: right;"> <b>ACKNOWLEDGED</b>  <b>Do Not Remove</b> </div>				

FOR ACTION/INFORMATION

7-24-73 AB

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INTERNAL DISTRIBUTION

<u>REG FILE</u> ✓ AEC PDR ✓ OGC, ROOM P-506A MUNTZING/STAFF ✓ CASE ✓ GIAMBUSSO BOYD MOORE (L)(BWR) ✓ DEYOUNG(L)(PWR) SKOVHOLT (L) P. COLLINS  <u>REG OPR</u> ✓ FILE & REGION(3) MORRIS STEELE	<u>TECH REVIEW</u> ✓ HENDRIE ✓ SCHROEDER ✓ MACCARY ✓ KNIGHT ✓ PAWLICKI ✓ SHAO ✓ STELLO ✓ HOUSTON ✓ NOVAK ✓ ROSS ✓ IPPOLITO ✓ TEDESCO ✓ LONG ✓ LAINAS ✓ ENAROYA ✓ VOLLMER	✓ DENTON ✓ GRIMES ✓ GAMMILL ✓ KASTNER ✓ BALLARD SPANGLER  <u>ENVIRO</u> MULLER ✓ DICKER KNIGHTON YOUNGBLOOD REGAN ✓ PROJECT LDR <u>R. Clark</u> HARLESS	<u>LIC ASST</u> BROWN (E) DIGGS (L) GEARIN (L) ✓ GOULBOURNE (L) LEE (L) MAIGRET (L) SERVICE (L) SHEPPARD (E) SMITH (L) TEETS (L) WADE (E) WILLIAMS (E) WILSON (L)	<u>A/T IND</u> BRAITMAN SALTZMAN  <u>PLANS</u> ✓ MCDONALD DUBE  <u>INFO</u> C. MILES
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EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR Walhalla, S. C. ✓ 1 - DTIE(ABERNATHY) ✓ 1 - NSIC(EUCHANAN) ✓ 1 - ASLB(YORE/SAXES/xx WOODARD/"H" ST. ✓ 16 - CYS ACRS HOLDING SENT TO LIC ASST. GOULBOURNE	(1)(2)(9)-NATIONAL LAB'S 1-R.Schoonmaker, OC, GT, D-323 1-R. CATLIN, E-256-GT 1-CONSULTANT'S NEWMARK/BLUME/AGBABIAN 1-GERALD ULRIKSON...ORNL	1-PDR-SAN/LA/NY 1-GERALD LELLOUCHE BROOKHAVEN NAT. LAB 1-AGMED(WALTER KOESTER RM-C-427-GT 1-RD..MULLER..F-309 C
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## DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES  
SENIOR VICE PRESIDENT  
PRODUCTION AND TRANSMISSION

P. O. Box 2178

July 18, 1973

Mr. R. C. DeYoung, Assistant Director  
for Pressurized Water Reactors  
Directorate of Licensing  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

Re: Oconee Nuclear Station  
Unit 2  
Docket No. 50-270

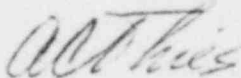
Dear Mr. DeYoung:

The Babcock & Wilcox Company and Duke Power Company are currently considering a fuel rod irradiation program in Oconee Unit 2 Core 1. This program has been discussed with members of your staff, and based on their concurrence, we are proceeding with modification of two Oconee 2 Batch 2 fuel assemblies. The attachment provides a description of this program and will be added to the Final Safety Analysis Report as a supplement as soon as practical. In addition, the supplement will be referenced in the Final Safety Analysis Report as follows:

- (1) On FSAR Page 3-63, add a note at the bottom of the page stating:  
"A maximum of 48 test fuel rods may be included in two Batch 2 fuel assemblies of Oconee 2; see Supplement 16."
- (2) On FSAR Page 3-79 just above Table 3-24, add a note stating:  
"A maximum of four test orifice rod assemblies may be included in Oconee 2; see Supplement 16."

We believe that this program will enable Duke and B&W to gain a better understanding of fuel densification phenomena, pellet cladding, interaction, and Zr-4 cladding creep.

Very truly yours,



A. C. Thies

ACT:vr  
Attachment



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5653